

About one way to the exception of the systematic measurements errors in the processing of the biases SLR data

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To find the real systematic measurements errors in the SLR data and to use this information for the correct analysis of the measurements is difficult often but very important for the correct interpretation of the data processing results. It is especially hard to do if mistakes of measurements are very small as for the SLR data. In Russian Mission Control Center is used the special mathematical way to the exception of the systematic measurement errors in the processing of the biases data based on the transformation from the standard SLR data to new measurements free of the systematic errors in the pass. This method is very useful for the correct SLR station coordinates definition and for the separating of the coordinates and measurements errors and could be used in the other processing procedures also.